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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]
[पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
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Kolkata, the 7th February 2004

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कोलकाता, दिनांक 7 फरवरी 2004

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पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

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टोडी इस्टेट, तीसरा तल,
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लोअर परेल (वेस्ट),
मुम्बई - 400 013 ।

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नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
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443, अन्नासलाई, तेनामपेट,
चेन्नई - 600 018 ।

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ई. मेल : patentchennai@vsnl.net

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234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020 ।

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patindia@giascl01.vsnl.net.in
वेब साइट : http./Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित हैं, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

अभिगृहित पूर्ण विनिर्देश

एतद्द्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs.4/- per page.

Ind.Cl : 40F

191991

Int.Cl[7] : C22C 26/00 B24D 3/(5

Title : PROCESS FOR THE MANUFACTURE OF DIAMOND TOOLS BY HOT SINTERING

Applicant : UMICORE OF RUE DU MARAIS 31,B-1000, BRUSSELS, BELGIUM

Inventor : 1. ROGER STANDAERT.
2. IVAN DU BOIS.

Application no. 2045/CAL/1996 FILED ON 27.11.1996
(CONVENTION NO. 095 01014 FILED ON 08.12.1995 IN BELGIUM.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.

Process for the manufacture of diamond tools by hot sintering which comprises, using a pre-alloyed powder containing iron, as binder during mixing said powder with diamond, followed by sintering of the resultant mixture, characterised in that

Said powder has an average particle size of less than 8 μm.as measured with the Fisher Sub Sieve Sizer and a loss of mass by reduction in hydrogen of less than 3% as measured according to the standard ISO 4491-2:1989; and in that

In contains, in % by weight, 10-80% of iron, 0-40% of cobalt, 0-60% of nickel and 0-15% of M, M being present, wholly or partially , in the oxidized state and representing one or more of the elements Mn, Cr, V , Al, Mo and Ti, the other components in the powder consisting of unavoidable impurities, such as herein described.

Complete Specifications : 15 pages. ***Drawings: 1 sheets***

191992

Ind.Cl : 126 D 206 F

Int.Cl[7] : G01T 1/202

Title : SQUARE ANTI-SYMMETRIC UNIFORMLY REDUNDANT ARRAY CODED APERTURE IMAGING SYSTEM.

Applicant : AIL SYSTEMS, INC, OF 455 COMMACK ROAD, DEER PARK NEW YORK 11729-4591, UNITED STATES OF AMERICA.

Inventor : 1. WALTER CHING-HWEI. CHIOU.
2. RICHARD CONCETTO. AUGERI

Application no. 18/CAL/1997 FILED ON 03.01.1997
(CONVENTION NO. 586, 555 FILED ON 16.01.1996 IN UNITED STATES OF AMERICA.)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

9 CLAIMS.

A square anti-symmetric uniformly redundant array coded aperture for imaging a source of non-focusable radiation, the coded aperture comprising transparent and opaque cells, the coded aperture being positionable in opaque cells , the coded aperture being positionable in a first position and a second position characterised in that the second position is rotatably offset from the first position by 90^0. the coded aperture exhibits a square normal mask pattern at the first position and the coded aperture exhibits a square complementary mask pattern at the second position whereby substantially all of the opaque cells exchange locations with substantially all of the transparent cells.

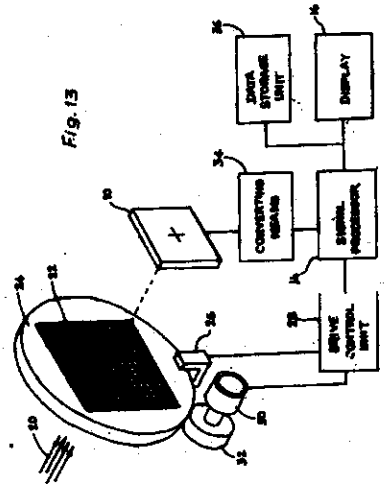


Fig. 13

Complete Specifications : 54 pages. ***Drawings: 12 sheets***

Ind.Cl : 129 G

191993

Int.Cl[7] : B67D3/00

Title : WATER DISPENSER OF THE REFRIGERATOR

Applicant : DAEWOO ELECTRONICS CORPORATION OF 686 AHYEON-DONG, MAPO-GU, SEOUL, KOREA.

Inventor : LEE, JAE-HEE

Application no. 531/CAL/1997 FILED ON 26.03.1997
(CONVENTION NO. 96-16496 FILED ON 16.5.1996 IN KORE.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

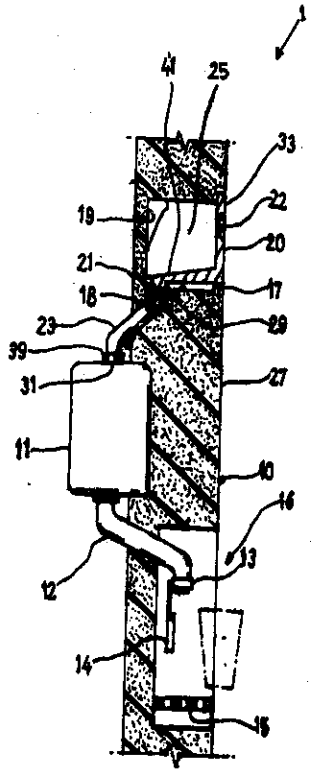
PATENT OFFICE KOLKATA.

12 CLAIMS.

A water dispenser of the refrigerator, wherein the water tank of the water dispenser can be refilled by supplying the water from the outside of the door of the refrigerator, comprising:

A water supply reservoir means which is built in the outer of the door of the refrigerator and is located higher than said water tank of said water dispenser;

A water flowing means for connecting said water supplying reservoir means to said water tank; and a water supplying guide means which is inserted into said water supplying reservoir means to make the water flowing line to facilitate the supplying of water from the outside of the door of the refrigerator.



Complete Specifications : 19 pages. ***Drawings: 5 sheets***

191994

Ind.Cl : 142, 35 G

Int.Cl[7] : C04B 41/50 41/45, 41/46

Title : PROCESS FOR OBTAINING CERAMIC ARTICLES COLOURED ON SURFACE AND INSIDE.

Applicant : VIGNALI GRAZIANO , OF VIA 4 NOVEMBRE 15, 40037 SASSO MARCONI (PROVINCE OF BOLOGNA), ITALY.

Inventor : VIGNALI GRAZIANO

Application no. 626/CAL/1997 FILED ON 10.04.1997
(CONVENTION NO. MI96A000706 FILED ON 12.04.1996 IN ITALY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

Process for obtaining ceramic articles coloured on surface and inside, in colours ranging, after firing, from yellow to orange, characterized in that the process comprises the following steps *in* sequence: (a) adding to the ceramic mass, before moulding, Ti02 in an amount ranging from 0.5% to 10% by w. and, optionally, Al(OH)3 in an amount of 1% -8% by w. (on the dry material), and treating the moulded articles before firing with a solution *in* water or in aqueous mixture with water miscible organic sol vents, comprising an organic or inorganic Cr compound and a compound, such as herein described, of an element selected from Sb or Zn or Zr or Mn or their mixtures, said solution, containing compounds of the above elements in such concentrations that when applied to the ceramic surface in amount of 30 to 600 g/m2 secures the application of:

i. 0.1 to 30 g/m^2 of Cr and 1 to 90 g/m^2 of Sb, or

ii. 0.05 to 20 g/m^2 of Cr and 1 to 60 g/m^2 of Sn, or

iii. 0.05 to 20 g/m^2 of Cr and 1 to 60 g/m^2 of Zr, or

iv. 0.05 to 20 g/m^2 of Cr and 1 to 40 g/m^2 of Mn.

the above data being expressed as element corresponding to the used compound;

(b) drying at 100 ^0C the molded article to be coloured to a water residue of 0.5% by: wt. max.;

(c) treating the article coming from the preceding step with the colouring composition in water solution;

(d) equalization of the article coming from the preceding step, at room temperature for a period of 8 hours; and

(e) subsequent firing according to the normal ceramic cycle

Complete Specifications : 16 pages. ***Drawings: NIL***

Ind.Cl : 146D1, 186,206

191995

Int.Cl[7] : H01S 3/00

Title : AN ERBIUM DOPED OPTICAL FIBER AMPLIFIER DEVICE

Applicant : SAMSUNG ELECTRONICS CO. LTD. OF 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA

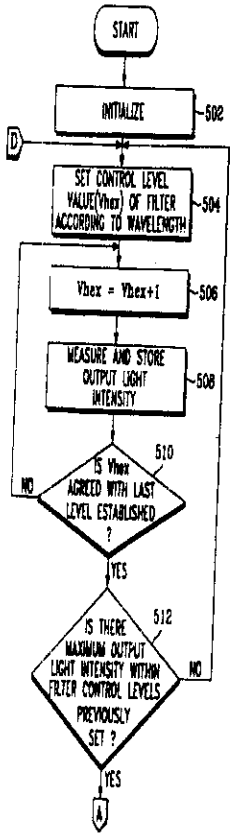
Inventor : DO-HYUNG LEE

Application no. 1298/CAL/1997 FILED ON 09.07.1997
(CONVENTION NO. 32235/1996 FILED ON 01.08.1996 IN KOREA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

11 CLAIMS.



An erbium doped fibre amplifier device for automatically tracing and filtering transmitted light signal wavelength and preventing noise caused by the properties of the amplifier comprising:

- Optical filtering unit (212);
- Optical amplifying unit (210);
- Wavelength control unit (224)
- Analog/digital converter (222,228);
- Digital/analog converter (226)
- Separation tap (202, 214); and
- Photodiode (220, 216);

Said optical filtering unit (212) eliminates noise caused by the properties of the amplifier wherein said wavelength control unit (224) improves the reliability of said optical amplifying unit (210) and discriminates selectively the transmitted light signal of desired wavelengths.

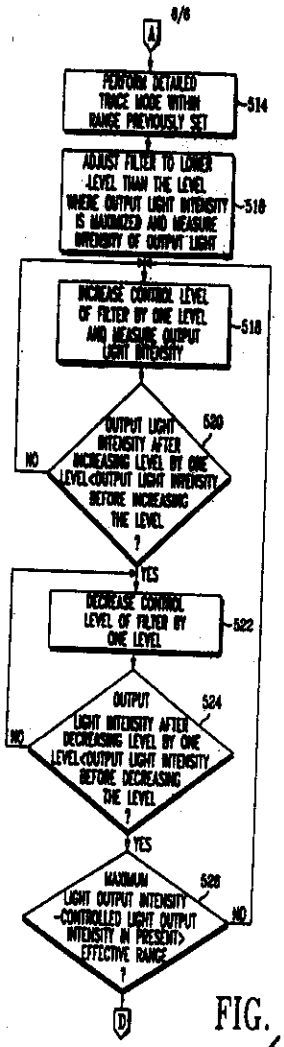


FIG. 4

Complete Specifications : 13 pages. ***Drawings: 6 sheets***

191996

Ind.Cl : 62 E

Int.Cl[7] : D06F 37/12

Title : WASHING MACHINE

Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD, OF 1006 OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN

Inventor : 1. MASAKUNI TAKEKAWA.
2. SHUNJI IMAI,
3. KATSUYA SAITO.
4. JUNJI KAMIYA

Application no. 1367/CAL/1997 FILED ON 22.07.1997
(CONVENTION NO. 8-191920 FILED ON 22.7.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

3 CLAIMS.

A washing machine comprising a washing tub, a pulsator disposed rotatably in the bottom of the washing tub, and a guide wall composing a circulation water channel for feeding water from a pump compartment formed at the back side of the pulsator toward the upper direction of a side wall of the washing tub, wherein the guide wall extends a L-shaped portion at the upper end side of its rear wall to forma discharge port against the upper end portion of the front wall, and the upper end portion of the front wall is projected upward to be formed in an arc.

Complete Specifications : 16 pages. ***Drawings: 5 sheets***

Ind.Cl : 143; 22(A)

191997

Int.Cl[7] : A61J 9/00; B65D 81/38

Title : BOTTLE WITH THERMALLY SHIELDED BODY.

Applicant : THEWI HOLDING B.V. OF A.J ERNSTSTRAAT 595H; 1082 LD AMSTERDAM, THE NETHERLANDS.

Inventor : LINDA MULLER

Application no. 1369/CAL/1997 FILED ON 22.7.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

13 CLAIMS.

A bottle comprising a first component(10,30,110,210,310,410,510) which forms an inner tubular body (11,31) with a closed bottom (12.32), an upper neck (13,33) with an opening (14,34) for filling and pouring a beverage, with a shaped and enlarged rim (14a,34a) and, substantially between the body and the neck, a step-like annular region (15.35) for connection to the upper rim (16,36) of a second component (17,37,117,217,317,417,517) which is coaxial to the first one and forms an outer tubular body (18,38) which has a closed bottom (19,39) and forms an interspace (20,40) together with the tubular body (11,31) of the first component (20,30),. characterized in that a hermetic coupling being provided for said interspace (20,40) at the annular region (15,35) of said first component and the upper rim (16,36) of said second component.

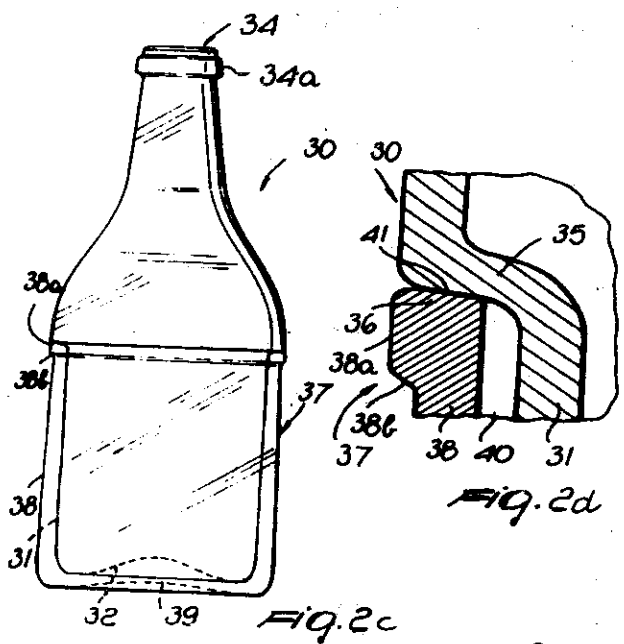


Fig. 2c

Fig. 2d

ORIGINAL

Complete Specifications : 16 pages. *Drawings: 4 sheets*

191998

Ind.Cl : 116 D

Int.Cl[7] : B65G 47/86

Title : SERVO-HYDRAULIC TRANSFER MECHANISM FOR GLASS ARTICLES

Applicant : LIBBEY GLASS INC. OF 940 , ASH STREET, TOLEDO, OHIO 43611, UNITED STATES OF AMERICA.

Inventor : GARY G. REID.

Application no. 1631/CAL/1997 FILED ON 04.09.1997

(CONVENTION NO. 08/730,071 FILED ON 15.10.1996 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

A servo-hydraulic transfer mechanism for glass articles, comprising in combination:

a frame having first end, a second end, a first side and a second side, each of said first and second sides having at least one guide rail; a hydraulic fluid source;

a programmable computer;

a compressed air source; and

a first transfer unit and a second transfer unit each of said transfer units comprising;

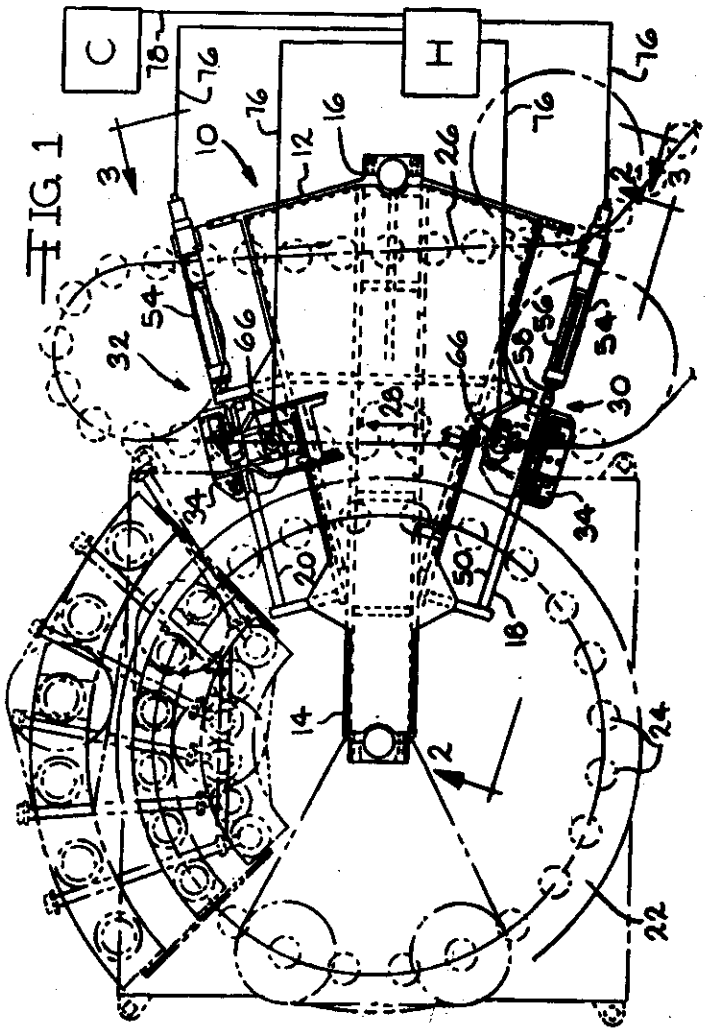
a transfer slide assembly reciprocally mounted on said at least one guide rail on one of said first and second sides by roller for providing rolling engagement between said transfer slide assembly and said at least one guide rail on one of said first and second sides. ..,

, a first hydraulic cylinder operatively connected to said transfer slide assembly and said hydraulic fluid source to move said transfer slide assembly in a substantially horizontal direction between said first and second ends of said frame;

a first linear positioned transducer operatively connected to said first hydraulic cylinder and said programmable computer to monitor movement of said transfer slide assembly;

a gripper device for gripping glass articles operatively connected to said transfer slide assembly, said gripper device having a gripper head provided with at least two opposed reciprocating gripper fingers, said gripper device being operatively connected to said compressed air source to move said fingers between open and closed positions, said compressed air source being operatively connected to said programmable computer to control movement of said fingers;

a second hydraulic cylinder operatively connected to said gripper device and said hydraulic fluid



source to move said gripper device in a substantially vertical direction; and

a second linear positioned transducer operatively connected to said second hydraulic cylinder and said programmable computer to monitor movement of said gripper device.

Complete Specifications : 10 pages. ***Drawings: 6 sheets***

191999

Ind. Cl. : 32E 32F 80K

Int.Cl[7] : B016D 61/00 B01J 19/24 C08 G 63/78

Title : AN IMPROVED PROCESS FOR MANUFACTURE OF POLYESTER RESIN.

Applicant : MOBILE PROCESS TECHNOLOGY, CO. OF 2070, AIRWAYS BOUEVARD, MEMPHIS, TENNESSEE 38114, UNITED STATES OF AMERICA.

Inventor : MICHAEL DEAN KELLY

Application no. 1447/CAL/98 FILED ON 13.08.1998

(CONVENTION NO. 08/942,250 FILED ON 01.10.1997 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

An improved process for the manufacture of polyester resin such as herein described from the esterification of an aromatic acid such as herein described with a glycol such as herein described followed by polycondensation in the presence of a metal oxide catalyst such as herein described in which spent glycol is removed during the course of the polycondensation reaction along with insolubles, unpolymerized monomers, large particulates, low molecular weight oligomers, metal oxide catalyst, cation impurities and anion impurities, and trace amounts of other additives and impurities, characterised in the steps of :

(a) increasing the temperature of the spent glycol to maintain the monomer dissolved in solution;

(b) passing the spent glycol through a coarse filter screen to remove large particulates;

(c) passing the spent glycol to a crossflow membrane filtration device with sufficient fluid velocity across the crossflow membrane filtration device to maintain turbulent flow;

(d) collecting glycol permeate from the crossflow membrane filtration device;

(e) recycling the glycol permeate to the esterification process;

(f) purging the retentate containing the concentrated insolubles; and .

(g) separating the concentrated insolubles from the purged retentate.

Complete Specifications : 14 pages. ***Drawings: 2 sheets***

192000

Ind.Cl : 33 F

Int.Cl[7] : B22D 11/06

Title : A COOLING ROLL FOR A CONTINUOUS CASTING MACHINE

Applicant : ACCIAI SPECIALI TERNI S.P.A OF V.LE B. BRIN 218, 05100, TERNI ITALY
AND
VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, OF TURMSTRASSE 44, A-4020, LINZ, AUSTRIA

Inventor :
1. ALESSANDRO FERRETTI.
2. PIETRO TOLVE.
3. ROMEO CAPOTOSTI.
4. GERALD HOHENBICHLER

Application no. 2004/CAL/1998 FILED ON 12.11.1998
(CONVENTION NO. RM97A000694 FILED ON 12.11.1997 IN ITALY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

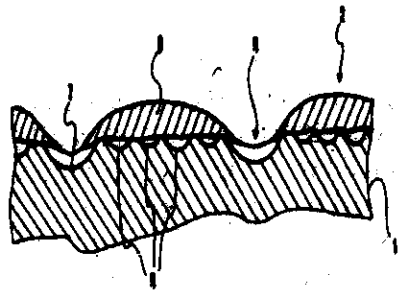
9 CLAIMS.

A cooling roll for a continuous casting machine, said cooling roll having a rotatable roller surface adapted to contact a continuously cast hot metal strip for the cooling of the metal strip,

Said roller surface being provided with unevenly spaced surface dimples, said surface dimples comprising:

A first group of cavities having a depth between 2 and 10 μm, and a diameter between 10 and 50 μm, and

A second group of cavities having a depth of between 40 and 200 μm and a diameter between 0.2 and 1 mm.



Complete Specifications : 10 pages. ***Drawings: 4 sheets***

IND. CL.	:	153 192001
INT. CL.	:	B 03 D 1/14
TITLE	:	AN IMPROVED SAFE HOLDER FOR POLISHING ABBRASIVE DISCS
APPLICANT & INVENTOR	:	PRAVIN MANGAL PANCHAL, 4, VIRESHWAR DARSHAN, G.B.I. MARG, VILE PARLE (EASE), MUMBAI – 400 057, MAHARASHTRA, INDIA. INDIAN NATIONAL
INTERNATIONAL APPLICATION NO	:	---------- -- ----------
INDIAN APPLICATION NO.	:	736/BOM/1998 DATED 23.11. 1998
PRIORITY NO.	:	----------

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

2 CLAIMS

An improved safe holder for polishing abrasive disc consisting of a steel spindle (2) at one end or which having a knurled surface (3) a plastic body (4) is moulded over the knurled surface; the said plastic body is having a circular flange (5) & longitudinal groove portion (6); the said circular flange having insight ribs (7) at 90^0 apart for better gripping of the abrasive disc (8); a end cap (9) of plastic molded material with radial groove (10) is pressed over the abrasive discs positioned in between the flange and the cup shaped locking means for better gripping and positioning of the abrasive discs.

Comp.specn.: 5 pages Drawings 1sheet

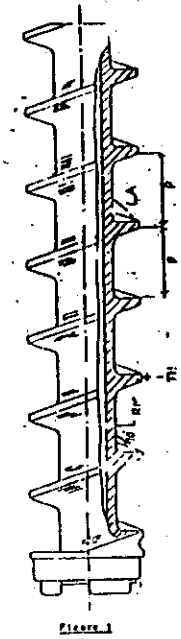
192002

INT. CL.	:	170 D
INT. CL.	:	C 11 D –13/ 18
TITLE	:	AN EXTRUDER.
APPLICANT	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRAM INDIA. AN INDIAN COMPANY
INVENTORS		1. VELAYUTHAM KALYANASUNDARAM 2. RAMACHANDRAN KALARIKKAL
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	750 BOM 1998 DATED 24.11.1998 Complete specification filed after provisional specification on: 22.11.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

06 CLAIMS

An extruder comprising a screw having threads formed thereon, wherein said screw is housed in a barrel, one end of which is provided with means for forming the material into the detergent pellets/noodles, bars or billets, and wherein said threads define lead angle of 85 to 92 degrees with respect to the root of the screw.



Prov.specn.: 08 pages Drawing: 01 sheet
Comp.specn: 08 pages Drawings: 01 sheet

tg

IND. CL.	:	32 B 192003
INT. CL.	:	C 08 F – 4/ 28
TITLE	:	AN IMPROVED PROCESS FOR THE COMMERCIAL PRODUCTION OF 1,3-BUTYLENE GLYCOL.
APPLICANT	:	SOMAIYA ORGANICS (INDIA) LTD., AN INDIAN COMPANY, 121,AGRA BUILDING, 2ND FLOOR, MAHATMA GANDHI ROAD, MUMBAI- 400 023, MAHARASHTRA, INDIA.
INVENTORS		(1) SANGEETA SRIVASTAVA (2) D.V. DESHMUKH (3) DR.KAVITA CHANDNANI (4) DR.A.K. SINGH
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	70 BOM 1999 DATED 28.01..1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

07 CLAIMS

An improved process for production of 1,3-butylene glycol from acetaldehyde comprising the following steps:

(i) subjecting acetaldehyde to aldol condensation;

(ii) stopping the aldol condensation of step (i) before percentage conversion of acetaldehyde into acetaldol reaches 60% and

(iii) hydrogenating the reaction products of step (ii) in the presence of a solvent, without subjecting to steam distillation in and also in the presence of a Nickel catalyst on a suitable carrier.

Comp,specn. 11 pages Drawings: NIL

tg

192004

IND. CL.	:	170 G
INT. CL.	:	A 61 K – 31/ 24
TITLE	:	ORAL CARE DENTIFRICE COMPOSITIONS
APPLICANT	:	HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.
INVENTOR	:	RAQUEL SILVEIRA RAMOS ALMEIDA
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	80 BOM 1999 DATED 01.02.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

An oral care dentifrice composition in the form of a transparent gel, comprising a thickening silica, and an abrasive silica with a refractive index of 1.47 or below in a polyol-humectant-containing liquid vehicle, characterized in that the gel further contains from 0.5 to 5% by weight of an alkali metal bicarbonate source.

Comp.specn. 11 pages

Drawings: NIL

192005

IND. CL. : 170 D

INT. CL. : C 11 D 3/00. 11/00

TITLE : **SOAP BAR.**

APPLICANT : **HINDUSTAN LEVER LIMITED,**
HINDUSTAN LEVER HOUSE, 165/166
BACKBAY RECLAMATION, MUMBAI - 400 020
MAHARASHTRA, INDIA. AN INDIAN COMPANY

INVENTOR **1. JOHN GEORGE CHAMBERS.**
2. GEOFFREY IRLAM.
3. BRYAN STUART JOY.

INTERNATIONAL APPLICATION NO : ---------- -- ----------

INDIAN APPLICATION NO. : **107 BOM 1999 DATED 11. 2-1999**

PRIORITY NO. : 9803771.6 DATED 23-02-1998 OF U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

13 CLAIMS

A soap bar comprises :

(A) 30 – 60% by wt. of an alkali metal salt of a fatty acid mixture (soap mixture) consisting of :
- (i) 65 – 90% soap having 1 –14 carbon atoms, which includes 2 – 15% soap having 1 – 10 carbon atoms, and which further includes 1 – 10% by wt. Soap having 1- 8 carbon atoms. and
- (ii) 10 – 35 of soap having grater than fourteen carbon atoms of which 0 – 25% is unsaturated soap;

(B) 3 – 35% by wt. fatty acid;
(C) 2 – 25% by wt. structurant; and
(D) 13-15 % by wt. water.

Comp.specn.: 11 pages Drawings – Nil - sheet

192006

IND. CL. : 57 A

INT. CL. : E 04 B –002/ 38

TITLE : A FREE STANDING PARTITION PANEL

APPLICANT : GODREJ & BOYCE MANUFACTURING COMPANY LIMITED, PIROJSHANAGAR,VIKHROLI, MUMBAI 400 079. MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS GIRISH VYANKATRAO NALAVADE

INTERNATIONAL APPLICATION NO : ----------DATED----------

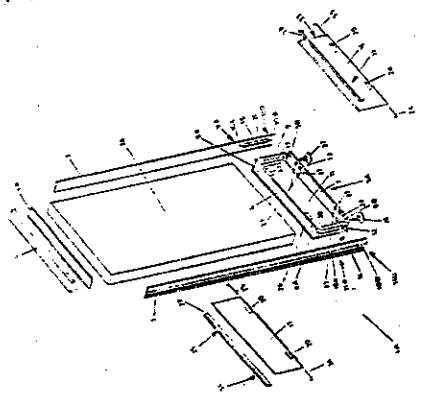
INDIAN APPLICATION NO. : 487 BOM 1999 DATED 07.07.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

A free standing partition panel comprising a pair of spaced apart vertical members and a top member associated with a gasket or liner and interconnecting the vertical members at the top thereof; at least one rigid modular race way structure removably fitted to the vertical members and comprising a pair of spaced apart horizontal members and a pair of spaced apart end members fitted to one another to define a raceway within; the said end members being provided with slots matching with corresponding slots in the vertical members; a paid of side panel members each being hinged to the front side and back side of the said race way structure; the said bottom horizontal member being provided with glide screws for level /height adjustment; a pair of retainer members each being located at the distal end of each of the said side panel members and fitted to the said horizontal members; and a partition panel consisting a block(s) located in the remaining hollow space(s) between the vertical members and fitted thereto.

Comp.specn. 14 pages Drawings: 05 sheets



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192007

IND. CL. : 26

INT. CL. : A 46 B –1/ 00 13/02

TITLE : A BATTERY OPERATED ELECTRIC TOOTHBRUSH WITH AN ANGLED SHAFT.

APPLICANT : PROCTER &GAMBLE INTERNATIONAL OPERATIONS, S.A. OF 47-ROUTE DE SAINT-GEORGE 1213 PETIT LANCY 1, GENEVA, SWITZERLAND, SWISS COMPANY.

INVENTORS : 1. LAWRENCE A. BLAUSTEIN
2. JOHN R. NOTTINGHAM
3. JOHN OSHER
4. JOHN W.SPPIRK

INTERNATIONAL APPLICATION NO : ---

INDIAN APPLICATION NO. : 664 BOM 1999 DATED 21.09.1999

PRIORITY NOS. : 09/236,794 DATED 25.01.1999 OF U.S.A.
09/163,621 DATED 30.09.1998 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

12 CLAIMS

A battery operated electric toothbrush with an angled shaft comprising:

an elongated body (10) having a handle portion (18), a head portion (16), and an elongated body shaft portion (28) intermediate the handle portion and the head portion and wherein the elongated body shaft portion has a smaller cross-sectional dimension than the handle portion, the head portion having static and moving bristles, said moving bristles rotate or swivel or reciprocate about an axis normal to the longitudinal axis (19) of the said head; the head portion and the body shaft portions being dimensioned for disposition in a human user's mouth for brushing of teeth; and

a motor (32) disposed in the hollow handle portion (30) and operatively connected to the moving bristles with a gearing (40) and shaft assembly having an elongated shaft (44) closely received in and extending along at least a portion of the length of the body shaft portion for driving the moving bristles.

Comp.specn. 18 pages Drawings: 11 sheets

tg

Fig.2

192008

IND. CL. : 26

INT. CL. : A 46 B –1/ 00 , 5/04

TITLE : A FINGER BRUSH

APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLATION, MUMBAI 400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : 1. AMIT MOHANDAS GORADIA
2. SHASHANK VAMAN DHALEWADIKAR

INTERNATIONAL APPLICATION NO : ---

INDIAN APPLICATION NO. : 829 BOM 1999 DATED 22.11.1999
Complete specification filed after provisional specification on: 21.11.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

25 CLAIMS

A finger brush comprising:

a brush body having inner and outer sides, said inner side having a finger-supporting arrangement for holding the brush to a finger of varying thickness, at least some portion of the outer side bearing bristles and/or bundle of bristles which does not come into contact with the fingers.

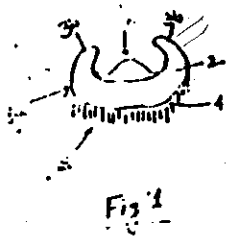


Fig 1

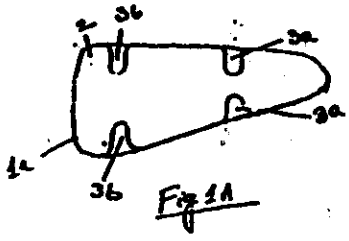


Fig 1A

Prov.Speen. 12 pages
Comp.Speen. 16 pages

Drawings: 2 sheets
Drawings: 2 sheets

IND. CL. : 32 F1 192009

INT. CL. : C 07 C 85/ 08, C 07 C – 87/ 40

TITLE : NOVEL METHOD TO PREPARE SERTRALINE HYDROCHLORIDE.

APPLICANT : CADILA HEALTHCARE LIMITED, ZYDUS TOWER, SATELLITE CROSS ROADS, GANDHINAGAR- SARKHEJ, HIGHWAY, AHMEDABAD 380 015, GUJARAT, INDIA. AN INDIAN COMPANY

INVENTORS : 1. PANDEY BIPIN
2. LOHRAY VIDYA BHUSAN,
3. LOHRAY BRAJ BHUSAN

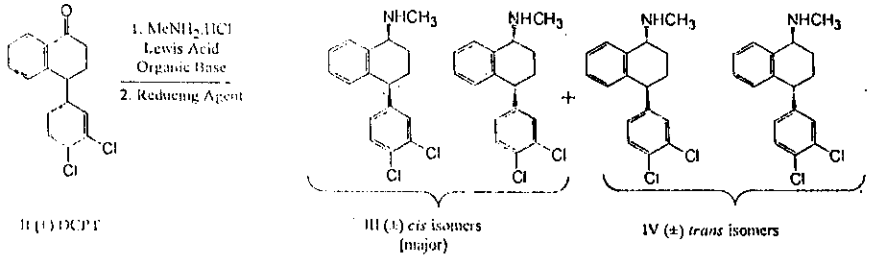
INDIAN APPLICATION NO. : 83 MUM 2001 DATED 24. 01.2001
Complete specification filed after provisional specification on: 23.01.2002.

APPROPRIATE OFEICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

13 CLAIMS

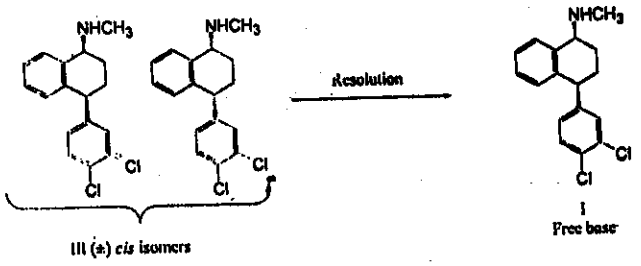
A process for the preparation of Sertraline compounds of formula I, which comprises the sequential series of steps that involve

(a) stereoselective reductive amination by reacting 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-naphthalen-1-one (DCPT) of formula II with methylamine, in the presence of an organic base such as hereinbefore described, treating the product so obtained with a Lewis acid at temperature between 5 °C to 40 °C for Lewis acid condensation and subsequent reduction by reacting with reducing agents such as hereinbefore described at temperature between 9 °C to11 °C;



(b) separation in any conventional manner, of substantially geometrically pure racemic (±) *cis* stereoisomer III, from a mixture of *cis* (III) and *trans* (IV) isomers as salt;

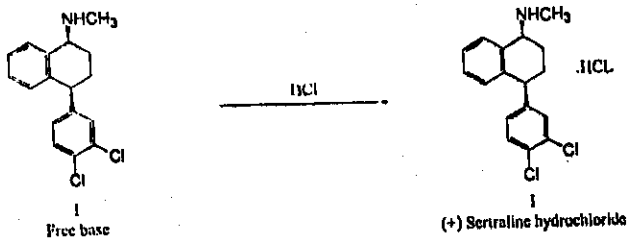
(c) resolution of substantially geometrically pure racemic (±) *cis* stereoisomer III *cis*-base as (1*S*-*cis*)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine, by employing suitable resolving agents like tartaric acid, mandelic acid and camphor sulfonic acid;.



III (±) *cis* isomers

I
Free base

formation of hydrochloride salt from (+)1*S-cis*-free base as (+) (1*S-cis*)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methy)-1-naphthalenamine hydrochloride (Sertraline).



I
Free base

I
(+) Sertraline hydrochloride

Provisional Specification : 5 pages
Complete Specification : 19 pages

Drawings Nil sheet
Drawings Nil sheet

IND. CL.	:	55 D2 192010
INT. CL.	:	A 61 K – 027/ 12 , A 01 N – 25/00, 27/00
TITLE	:	THE PROCESS FOR MAKING COILED MOSQUITO REPELLENT
APPLICANT	:	GODREJ SARALEE LTD., PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI (E), MUMBAI 400 079, MAHARASHTRA, INDIA. AN INDIAN COMPANY.
INVENTOR	:	1) PUTHUCODE RAMA IYER KASI VISWANATHAN 2) PANDIT NEELAM
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	144/MUM/2002 DATED 18.02.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

17 CLAIMS

A process for manufacturing a coiled mosquito repellent comprising 20-80% filler material such as cellulose, 30-60% guar gum as binder, 15 to 30% of as burning materials such as coconut shell, saw powder saw dust, insect repellent active such as esbiothrin, esbiol, prallethrin 0.01%-5%, 0.1-5% emulsifiers, 0.01-0.5% fire retardant such as Potassium nitrate, and the said coil is manufactured by mixing the dry ingredients in a rotary blender, emulsifying the active ingredient and adding the active to the dry ingredients to form a uniform dough and placing the dough in a rotary mold machine used in manufacturing dry baked products wherein the dough is rolled between the two rotary cylinders having circular mold to make circular spiral shaped coil and the said coil has circular/semicircular cross sectional area ranging between 7-28mm^2 and a burning rate ranging between 50mm-90mm/hr.

Comp.specn. 17 pages

Drawings: 4 sheets

192011

IND. CL. : 35 C [XXV(2)]

INT. CL. : C 04 B –7/12, 24/4
F 21 B-033/44

TITLE : A PROCESS FOR MANUFACTURING LOW POROSITY DENSE ULTRA HIGHSTRENGTH (UHS) CEMENT COMPOSITION.

APPLICANT : THE ASSOCIATED CEMENT COMPANIES LTD.,
'CEMENT HOUSE'; 121 MAHARASHI KARVE ROAD,
MUMBAI-400 020, MAHARASHTRA, INDIA,
AN INDIAN COMPANY.

INVENTORS : 1) DEBASHISH GOSH
2) VILAS VISHWANATH DESHMUKH
3) PRADEEP SHRINIVAS KADUSKAR
4) RUSTOM MINOCHER CURSETJI
5) ANJAN KUMAR CHATERJEE

INTERNATIONAL APPLICATION NO. : ----------

INDIAN APPLICATION NO. : 549/BOM/1998 DATED 28/08/1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

1) A process for manufacturing low porosity dense ultra high strength (USH) cement composition characterized by the following steps:

a) dry pulverizing and sieving source of bauxite into coarse to fine particle size varying from 4 mm to 100 micron particle size and mixing in 30:70 ratio;

b) dry grinding 5 to 50% by weight of herein stated silica source to 3-5 micron particle size;

c) dry mixing in intensive mixer 10-40 % by weight of hydraulic cement with or without addition of herein stated source of lime reacting mass such as fly ash and / or inert particles of fine quartz sand, metal fibers having 1 to 1000 micron particle size; dry mixing in an intensive mixer the product of step © with product of step (b) in intensive mixer while slowly adding the product of step (a) and with addition of 75% by weight of total herein stated plasticizer sol or sol of herein stated high performance water dispersing agents such as formaldehyde condensate required for making a dough mass followed by addition of 25% balance by weight of said aqua sol while mixing is continued for another 20-30 minutes till dough of desired consistency is obtained;

d) said dough of step © when molded or extruded into any desired intricate shapes and cured in water at temp. us to 100 deg. C. in high pressure autoclaves upto 300 deg. C. for a period of at least 24 hours and which on cooling down to ambient temp. attains herein stated product analysis forming ideal substitute for metals, alloys, ceramics in architectural and engineering plastics.

Complete Specification : 14 ages **Drawings : Nil Sheets**

IND. CL. : C 08 F 6/00 192012
6/14

INT. CL. : 32 C

TITLE : A PROCESS FOR PRODUCTION OF MICRO-POROUS MICROSPHERES OF POLYMERS AND POLYMERIC PIGMENTS THEREFROM.

APPLICANT & INVENTORS : VINOD CHINTAMANI MALSHE
1,STAFF QUARTERS,UDCT CAMPUS,
MATUNGA, MUMBAI – 400 019.
ANIL MEGHSHYAM BENDALE
A-9 RAGHUVANSH, FRIENDS COLONLY,
BHANDUP, MUMBAI – 400 042.
BOTH INDIA. INDIAN NATIONAL
IDEM.

INTERNATIONAL APPLICATION NO : ----------

INDIAN APPLICATION NO. : **203/BOM/1999. DATED 19-03-1999.**

Complete Specification filed after provisional specification on 14.02.2000.

PRIORITY NO. : ----------.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

40 CLAIMS

A process for manufacture of micro-porous microsphers of sub-micron size polymers which are further optionally converted to polymeric pigments comprising

a) prepartion of micro-porous microspheres of sub-micron size of polymers characterized in that the said process comprises of :

i) mixing micro-porosity generating agent(s) with the monomer(s) and / or additives for some functional groups.

ii) emulsifying the mix obtained at the end of step (i), in water with the help of emulsifying agent(s) to give homogenous emulsion, or making micro suspension of the said mix in water or non-aqueous phase with the help of suspending agent(s)

iii) subjecting the said emulsion or the said suspension obtained at the end of step (ii), to polymerizing and / or cross-linking reaction with addition of initiator to form the micro-porous microsphers of the polymer.

iv) Removing the non-polymerizable micro-porosity generating agent from the reaction mass at the end of step (iii) when the reaction is complete.

v) Coagulating the micro-porous microspheric polymer particles in the reaction mass remaining after step (iv) by addition of polymer-coagulating agent(s) to the said reaction mass.

vi) Separating the coagulated micro-porous microspheric polymer particles form the reaction mass, washing and drying for recovering the polymers formed in the form of micro-porous microsphers of submicron size.

b) preparation of colored polymeric pigment particles of sub-micron size form microporous microspherical **(MPMS)** polymer particles of submicron size, with or without functional groups characterized in that the said process comprises of:

(i) preparation of solution of colouring compounds or soluble Leuco compounds which develop colours on oxidation, or soluble reactive dyes or soluble component of colouring compounds which form an insoluble colour on subsequent contact with its colour forming coupling component in solution, in solvents such as water, alcohol at required pH.

(ii) Soaking the said **MPMS** polymer particles in the solution for 30-60 minutes, at 20-150^0 C under pressure if necessary.

(iii) Separating the soaked particles obtained at the end of step (ii)

(iv) Washing, drying of the coloured polymeric pigment particles

(v) Soaking the dry particles obtained at the end of step (iii) in a coupling component when a pigment or a dye is required to be synthesized inside the pores of the pigmentary particle or, only when second component of the colouring compound is required to develop the colour, in said solution of the second component prepared in step (iii) for 30-60 minutes at 0-150^0 C under pressure when required.

(vi) Separating the soaked particles obtained at the end of step (v)

(vii) Washing, and drying of the coloured polymeric pigment particles.

Complete Specification : 35 pages Drawings Nil sheet
Provisional Specification : 5 pages Drawings Nil sheet

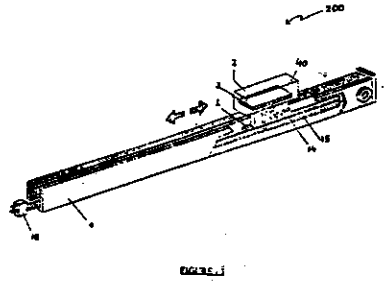
IND. CL.	:	204 [XII(10)] 192013
INT. CL.	:	G 01 D – 5/ 24
TITLE	:	A SCALE
APPLICANT & INVENTORS	:	PRAKASH KRISHNA RATNAPARKHI, AN INDIAN NATIONA OF ELEKTRA HOUSE, 691/1A PUNE-SATARA ROAD, PUNE 411 037, MAHARASHTRA, INDIA.
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	237 BOM 1999 DATED 30.03.1999 Complete specification filed after provisional specification On: 12.06.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

A scale for machine tools comprising an elongate extruded scale body on which a reader head is slidably mounted, a plate with gratings fixed within the base of the body optically aligned with an index plate fitted on the base of the reader head, said index plate being spaced apart from the plate with gratings, the relative displacement of the index plate with respect to the gratings adapted to generate an electrical signal received by an electronic signal processing circuit within the reader head which signal is processed and transmitted as a linear displacement signal to a remotely located counter characterized in that the cable transmitting the displacement signal from the reader head to the counter consists at least partly of a ribbon cable located within the elongate scale body transmitting a signal from the reader head to a connector fitted at one end of the scale body and a further cable leading the signal from the connector to the counter.

Prov.specn.: 8 pages Drawings: 5 sheets
Comp.specn. 9 pages Drawings: 4 sheets



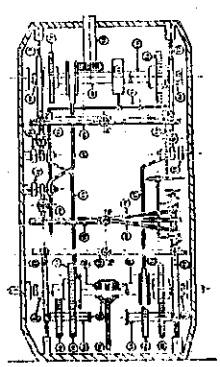
152014

IND. CL.	:	134 B
INT. CL.	:	B 60 K – 023/ 00
TITLE	:	A VARIABLE POSITIVE DRIVE GEARBOX WITH BUILT IN DIFFERENTIAL AND BUILT-IN CLUTCH
APPLICANT & INVENTORS	:	P.SATHEESAN MENON, B/7 ANNAPURNA DHAM CO-OP. HOUSING SOCIETY, 2ND LANE, PANDURANGWADI, P.O. DOMBIVLI (EAST),PIN 421 201, MAHARASHTRA, INDIA.
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	381 BOM 1999 DATED 20.05.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

A variable positive drive gear box with built in differential and built in clutch comprising at power take-off end a pair of shafts parallel and distant mounted in gear box casing with rigidly fixed toothed gear at each end; each end of said shafts provided with pinions having free-wheeling; similar arrangement is made at the wheel side end to provide a pair of shafts with toothed gear arrangement at ends with free-wheeling pinions; a crank shaft with rigidly fixed pair of toothed-gears at ends mounted in between said pair of power take off shafts and said end toothed-gears on crank shaft meshing with the said end toothed-gears on the said shaft; a link rod having slots in vertical plane with the fulcrum at the at the center is made to oscillate by means of said crank though a connecting rod; one end of a horizontal link rod having slots and centrally fulcrum is connected to the said vertical link rod by means of a sliding link members; the said sliding is controlled and supported by threaded-screw members linked to a pinion driving a rack engaged to sliding link; a pair of rods at one end hinged to the fulcrum of the said horizontal link rod and the other end provided with circular members surfaced with cushioning material, at the other end side provided with threaded sleeve to accommodate left hand and right hand threaded rod at the ends and transversely supported on said horizontal link rod for varying the distance between the ends; a rack member meshing with the said pinion of wheel end, having extended rod with a pair of spring controlled stoppers for said circular member at distant, hinged supported at one end of second horizontal link having slots and fulcrum at center; a second rack engaging other end rack is hinged to the other end of the said second horizontal link; similar arrangement is made second set shaft; a split shaft carrying wheels at end, with rigidly fixed tooth wheel at wheel side and meshing the said toothed wheels of the said pair of shafts at wheel side, supported in support box having crank in left hand side and right hand side and the said cranks are connected to a pair of vertical link member hinged at one end and both said links are distant and other ends are in opposite side and away from the hinge; the said each of vertical link is connected to a horizontal link having fulcrum in center and ends of each are connected to rack member meshed with said pinion of shafts at power take of side.



Comp.specn. 13 pages

Drawings: 6 sheets

IND. CL. : 201 C 192015

INT. CL. : C 02 F 1/76

TITLE : A WATER PURIFIER BELLOW PUMP WORKING ON SIPHON SYSTEM.

APPLICANT & INVENTORS :

ION EXCHANGE (INDIA) LIMITED
AN INDIAN COMPANY OF TIECICON HOUSE, DR.E.MOSES ROAD, BOMBAY – 400 011. MAHARASHTRA, INDIA.

1. DR.S.V.MEHENDALE
2. MS. SIMI THOMAS
3. MS. RUPA AVINASH LAGHATE
4. MS. KIRTI S.ITAGI.

INTERNATIONAL APPLICATION NO : ----------

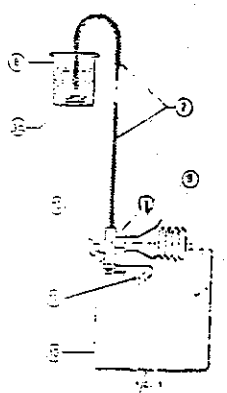
INDIAN APPLICATION NO. : 437 BOM 1999 DATED 09.06.1999

PRIORITY NO. : ----------

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

04 CLAIMS

A water purifier bellow pump, working on siphon system having a corrugated flexible tubing (2) with inlet end and other end attached to one of the opening of the T-tube having three way opening; opposite end of the said one opening provided with closure plug (11) and third opening provided with bellow (9); charecterised that the said inlet is provided with water purifier (3a) comprising a cylindrical body (5) containing polyiodide resin with one end open other end having central hole with extended plug detachably attached to a cylindrical adopter (3); a strainer (4) provided between the said extended plug and the said adopter; a lid (7) with center opening formed by radial thick ribs provided to the said open end and filter (6) placed between the said body and the said lid.



Complete specification: 07 pages, Drawings: 05 Sheets.

192016

IND. CL.	:	154 F
INT. CL.	:	B 41 F –9/ 02, 11/ 02 , B 41 M –3/14
TITLE	:	MULTI COLOR INTAGLIO PRINTING PRESS.
APPLICANT	:	KOMORI CORPORATION OF 11-1,AZUMABASHI 3-CHOME, SUMIDA-KU, TOKYO, JAPAN, JAPANESE COMPANY.
INVENTOR	:	HIROYOSHI KAMODA
INTERNATIONAL APPLICATION NO	:	---
INDIAN APPLICATION NO.	:	580 BOM 1999 DATED 17.08.1999
PRIORITY NOS.	:	10-235101 DATED 21.08.1998 OF JAPAN 11-188509 DATED 02.07.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

A multi ~~-color intaglio printing press;~~ comprising:

a plate cylinder (15) capable of having three intaglio plates mounted along a circumferential direction of the plate cylinder (15); an ink collecting cylinder (16) contacted with said plate cylinder (15) and capable of having four blankets mounted along a circumferential direction of the ink collecting cylinder (16); a wiping roller (19) contacted with said plate cylinder(15); and an impression cylinder (14) having the same diameter as the diameter of said plate cylinder (15), and contacted with said plate cylinder (15).

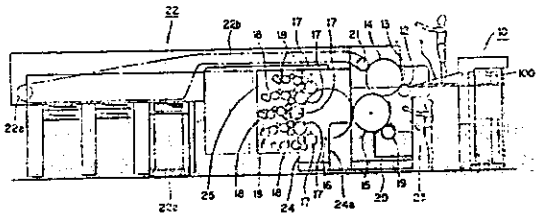


Fig. 1

Comp.specn. 11 pages Drawings : 2 sheets

tg

IND. CL. : C 21 D 9/02
9/00

192017

INT. CL. : 12 D

TITLE : A PROCESS AND APPARATUS FOR BATCH ANNEALING OF COILS IN A COLD ROLLING MILL.

APPLICANT & INVENTORS : TATA CONSULTANCY SERVICES,
(A DIVISION OF TATA SONS LTD)
AN INDIAN COMPANY, OF
BOMBAY HOUSE, SIR HOMI MODY STREET,
MUMBAI – 400 023. MAHARASHTRA, INDIA.
AN INDIAN COMPANY

SAHAY SATYAM SURAJ

INTERNATIONAL APPLICATION NO :

INDIAN APPLICATION NO. : 1170/MUM/2000. DATED 27/12/2000.

Complete Specification filed after provisional specification on 23.01.2002.

PRIORITY NO. :

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

07 CLAIMS

A process of batch annealing of coils in a cold rolling mill which comprises stacking a plurality of coils in a furnace, and heating the coils in the furnace in a cycle determined by data including coil dimensions, furnace in a cycle determined by data including coil dimensions, furnace dimensions operating parameters and thermal cycle to obtain coils having predetermined grain size and tensile strength, said cycle defining the temperature and time to be set for heating, soaking and cooling of the coils in the furnace feeding and processing the data into a simulator comprising three modules [i] thermal module; [ii] microstructural module and [iii] mechanical property module as herein described and obtaining the optimum temperatures and time to be set for the annealing cycle for the predetermined grain size and tensile strength and settings the furnace to heat soak and cool the coils stacked therein in accordance with the set temperatures and time to obtain annealed coils.

Complete specification: 29 pages Drawings 7 sheets
Provisional specification : 17 pages Drawings 5 sheets

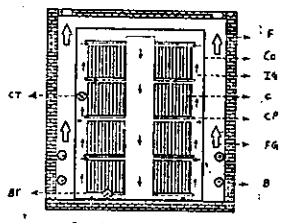
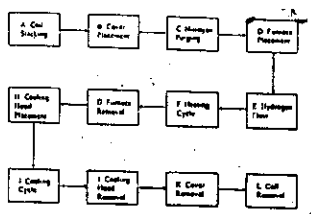


FIGURE - 1



IND. CL. : F 04 B 39/00
F 16 F 1/12

192018

INT. CL. :

TITLE : A METHOD OF MOUNTING A SUSPENSION SYSTEM FOR HERMETIC SEALED COMPRESSORS.

APPLICANT & INVENTORS : KIRLOSKAR COPELAND LIMITED
OF 1202/1 GHOLE ROAD,
PUNE 411 005,
MAHARASHTRA, INDIA.
AN INDIAN COMPANY

JUGE VINAYAK MADAN.

INTERNATIONAL APPLICATION NO : ----------

INDIAN APPLICATION NO. : 167 MUM 2001. DATED 13/02/2001.

Complete Specification filed after provisional specification on 11/04/2002.

PRIORITY NO. : ----------

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

05 CLAIMS

A method of mounting a suspension system for hermetic sealed compressors consisting of a compressor body and its outer shell which comprises the steps of forming at least one recess in the form of one or more blind holes either in the cylinder block or the crank case or other solid parts of the compressor of the compressor body to form a seat, seating coiled springs in the seat and mounting the compressor body on the spring ends with respect to the outer shell.

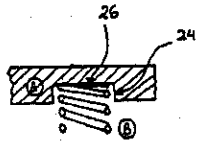


FIGURE - 2a

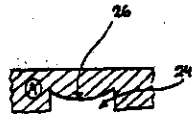


FIGURE - 2b

Complete specification: 07 pages Drawings 02 sheets
Provisional specification : 06 pages Drawings 02 sheets.

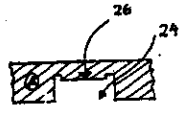


FIGURE - 2c

10/35

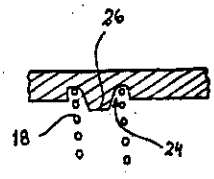


FIGURE - 2d

IND. CL. : 146 C

192013

INT. CL. : H 04 M 15/00

TITLE : A PCO ENABLED COMPUTING DEVICE.

APPLICANT & INVENTORS :
I2IT PRIVATE LIMITED
OF 26-27 MUMBAI-PUNE ROAD,
PIMPRI, PUNE 411 018.
MAHARASHTRA, INDIA.
AN INDIAN COMPANY.

1. ANUPAM SAURABH.
2. CHANDRASHEKHAR RAJE.

INTERNATIONAL APPLICATION NO :

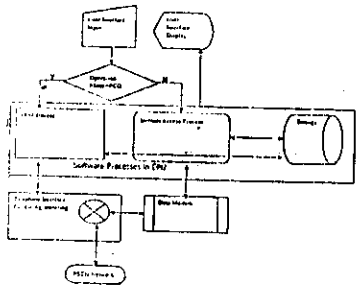
INDIAN APPLICATION NO. : 844/MUM/2001. DATED 31/08/2001.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

02 CLAIMS

A Public Call Office equipment having facility for making and metering of STD/ISD calls as per the pulse rate applicable with an Internet Access Device consisting of a CPU having have facility for Internet surfing and Emails with billing functionality and including a built –in 56kbps modem driver software loaded in the CPU to connect to an ISP using a shared telephone line said CPU having an interface for a date connection having access to the internet access using a browser, chat and mail software etc. and a Voice over IP protocal based voice telephony software which uses a date link over internet including voice codes for data compression and toll quality telephony.

Prov. Specn. 04 Pages
Comp.specn.: 06 pages



Drawings 01 sheet

192020

IND. CL.	:	55 E4
INT. CL.	:	A 61 K – 35/ 78, A 61 K – 35/ 12
TITLE	:	A PROCESS FOR AN AYURVEDIC PREPARATION FOR IMPROVING THE MYOCARDIAL BLOOD FLOW AND REDUCING THE OCCLUSION IN ARTERIES OF THE MYOCARDIUM
APPLICANT	:	SHREE NARAYAN AYURVEDIC PHARMACY PVT.LTD., 1184-4, DNYANESHWAR PADUKA CHOWK, GOKULNAGAR, B-BLDG., F.C.ROAD, SHIVAJINAGAR, PUNE 411 005, MAHARASHTRA, INDIA. AN INDIAN COMPANY
INVENTOR	:	ANTONY JOSEPH
INTERNATIONAL APPLICATION NO	:	----------DATED----------
INDIAN APPLICATION NO.	:	1184 MUM 2001 DATED 18.12.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

03 CLAIMS

A process for an ayurvedic preparation for improving the myocardial blood flow and reducing the occlusion in arteries of the myo cardium comprising the following steps:

i. Grinding a) terminalia arjuna Bark 2 parts by weight; b) acorus calamus stem 1 part by weight, c) magnifera indica bark 1 part by weight, d) moringe oelifera bark 1.35 part by weight, e) murraya koengil leaf 1.35 part by weight, f) pipeer longum fruit 1.9 part by weight, g) boerhaavia diffusa root 1.4 part by weight;

ii. Mixing the ingredient (a) with one of the suitable excipient or mixture thereof in equal proportion in stainless steel mixer (blender) at about 30°C for 10-15 minutes;

iii. Transferring the blend of step (ii) in a separate vessel;

iv. Repeating step (ii) and (iii) for ingredients b), c),d),e),f) and g) separately;

v. Heating the mass so obtained from steps (ii),(iii) and (iv) with hot water circulation in a vessel jacket at about 40°C for about 3 hours;

vi. Transferring the heated mixture of step (v) into another vessel through a filtration pump;

vii. Transferring the filtered content into the plastic container for encapsulation.

viii. Transferring the filtered content into the plastic container for encapsulation.

Comp. specn. : 5 pages

Drawings: NIL

Ind.Cl :

192021

Int.Cl[7] : G11C 7/00

Title : A SEMICONDUCTOR UNIT PACKAGE.

Applicant : MATSUHITAELECTRIC INDUSTRIAL CO. LTD. OF 1006 OAZA KADOMA KADOMA-SHI, OSAKA 571, JAPAN.

Inventor :
1. KAZUNORI OMOYA.
2. TAKASHI OOBAYASHI.
3. WATARU SAKURAI.
4. MITSURU HARADA.
5. YOSHIHIRO BESSHO.

Application no. 1083/CAL/1996 FILED ON 11.06.1996

(CONVENTION NOS. 7-144373 ; 7-308798 AND 08/593,675 FILED ON 12.06.1995 , 28.11.1995 AND ON 29.01.1996 IN JAPAN, JAPAN, U.S.A. RESPECTIVELY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

9 CLAIMS.

A semiconductor unit package which comprises :

a) A semiconductor device having an electrode pad;

b) A substrate having a terminal electrode;

c) A bump electrode formed on said electrode pad of said semiconductor device;

d) A conductive adhesive layer which is formed of a conductive adhesive with flexibility and which establishes an electrical connection between said bump electrode and said terminal electrode ; and

e) An encapsulating layer which is formed by curing a composition having a viscosity of below 100 Pa. s and a thixotropy indeed of below 1.1 and which fills a gap defined between said semiconductor device and said substrate in such a way that said semiconductor device and said substrate are mechanically joined together.

Complete Specifications : 51 pages. ***Drawings: 7 sheets***

192022

Ind.Cl :

Int.Cl[7] : C 22 B 33/00 B 01D 11/02

Title : A METHOD OF PRODUCING CHEMICALS FROM METALLURGICAL DUST AND APPARATUS THEREFOR.

Applicant : DRINKARDMETALOX, INC. OF 2226, NORTH DAVIDSON STREET CHARLOTTE, NORTH CAROLINA 28205 , U.S.A.

Inventor : 1. WILLIAM F. DRINKARD. JR.
2. HANS J. WERNER.

Application no. 1829/CAL/1996 FILED ON 16.10.1996
(CONVENTION NOS. 60/005,991 AND 08/608,726 FILED ON 30.10.1995 AND 29.02.1996 IN USA)
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)
PATENT OFFICE KOLKATA.

40 CLAIMS.

A method of producing chemicals from metallurigal dust comprising:

a) Reacting metallurigal dust in a nitric acid solution, resulting in a nearly complete dissolution of zinc, cadmium, copper, magnesium, calsium , manganese and lead;

b) Precipitating iron from the solution by raising the pH of the solution to a pH range 1.8 to 3.5 by the addition of a basic pH adjusting agent; and

c) Removing , cadmium , copper and lead by using either an electrolytic cell or by filtration following reaction with sulphide iron;

And optionally carrying out an initial step of leaching the metallurigal dust with water, thereby creacting and separating the filtrate and washed metallurigal dust, and sending the filtrate to a water treatment system, leaving washed metallurigal dust residue for reaction with nitric acid solution.

Complete Specifications : 35 pages. ***Drawings: 4 sheets***

Ind.Cl : 107H **192023**

Int.Cl[7] : F02M, 61/16, 61/18, 55/02, 59/44

Title : A FUEL INJECTION DEVICE FOR THE DIESEL ENGINES.

Applicant : MOTORENFABRIK HATZ GMBH & CO. KG, OF ERNST-HATZ-STR. 16, DE 94099 RUHSTORF/ROTT, GERMANY

Inventor : GUNTER KAMPICHLER.

Application no. 591/CAL/1997 FILED ON 03.04.1997

(CONVENTION NO. 19614980.0-13 FILED ON 16.4.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

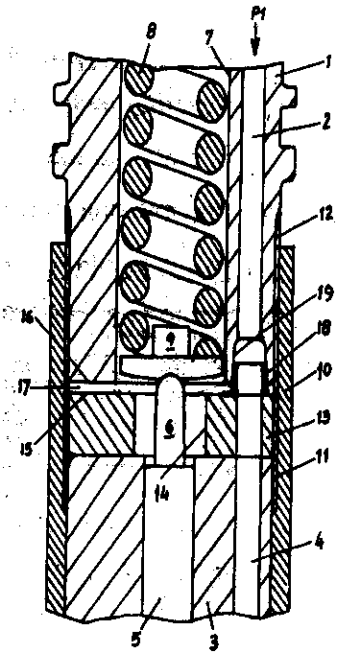
Fuel injection device for diesel engines comprising:

-a nozzle holder (1) having a face (16), a center bore (7) and a pressure spring ,(8).

-a nozzle body (3) having a nozzle needle (5),

-a pressure channel (2, 4) coupled to a fuel injection pump and extending from and through said nozzle holder (1) and nozzle body (3),

-said nozzle holder (1) being supported relative to said nozzle body (3) so that said nozzle holder (1) is movable in the lengthwise direction into sealing engagement with said nozzle body (3) by means of an intermediate disk: (13) having a top (15), and



-a deformable metal hollow cylinder sealing body (18) extending between a counter-sealing surface and a conical seat (19) and adapted for deformation against seat(19) with increasing tightening of a nozzle adjusting nut (10) which connects the nozzle body (3) with the nozzle holder (1), characterized in that said sealing body (18) engages said conical seat (19) in the nozzle holder (1) which widens toward the opening of the pressure channel (2) which faces the nozzle body (3), and the face (16) of the nozzle holder (1) is formed in the shape of a truncated cone, whereby the face (16) forms a slight conical angle (y)with the top (15) of the intermediate disk (13), causing a concentric sealing edge(D) to be formed around a central interior space of the nozzle holder(1).

Complete Specifications : 12 pages. ***Drawings: 5 sheets***

191024

Ind.Cl : 32 E

Int.Cl[7] : C 08 F 4/50, 12/08

Title : A PROCESS FOR PRODUCING A VINYL POLYMER

Applicant : ASAHI KASEIKABUSHIKI KAISHA, OF 2-6, DOJIMAHAMA 1-CHOME, KITA-KU, OSAKA, JAPAN

Inventor : KENJI EBARA

Application no. 805/CAL/1997 FILED ON 05.05.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

12 CLAIMS.

A process for producing a vinyl polymer selected from a polymer of styrene monomer and polymer of a conjugated diene monomer which comprises carrying out anionic polymerization with a polymerization one or more polymerization initiator(s) selected from $(R^2 J)_2Mg$ R^1M^1,R^1OM^1, R^3OH and $(R^3)_2NH$ under the conditions that the polymerization temperature is not lower than 45°C and not higher than 250°C, and that the concentration of the vinyl monomer selected from a styrene monomer and a conjugated diene monomer based on the polymerization solvent is 45-100% by weight, in which anionic polymerization the metal of the cation forming a counterpart to the carbon anion at the polymerization propagation terminal is Mg, or Mg and M1 is at least one alkali metal selected from the group consisting of Li, Na and K, and the molar concentrations of Mg and M^1 satisfy the relation $[Mg^1]/[M^1] >= 4$.

Complete Specifications : 69 pages. ***Drawings: 10 sheets***

Ind.Cl : 128A

192025

Int.Cl[7] : B32B 5/02

Title : METHOD OF MAKING HEAT SEALING ADHESIVE BANDAGE AND ADHESIVE BANDAGE MADE BY USING SAID METHOD.

Applicant : JOHNSON & JOHNSON KABUSHIKI KAISHA, OF 3-2, TOYO 6-CHOME, KOTO-KU, TOKYO 135, JAPAN.

Inventor :
1. YASUSHI MASHIKO
2. TAKESHI YOSHIDA.
3. TOSHIKAZU SAITO

Application no. 806/CAL/1997 FILED ON 05.05.1997
(CONVENTION NO. 146445/96 FILED ON 17.5.1996 IN JAPAN).

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

6 CLAIMS.

A method for making an adhesive-coated sheet material, said Method comprising the steps of:

A. Providing a film of polymeric material;

B. Providing a thermoplastic fiber fabric;

C. Laminating said film to said fabric to form a laminated sheet material having a fabric surface and film surface;

D. Applying a layer of adhesive to said fabric surface of said laminated sheet material ; and

E. Heat-sealing at least a portion of said laminated sheet material in a discontinuous pattern, wherein step E is performed before step D.

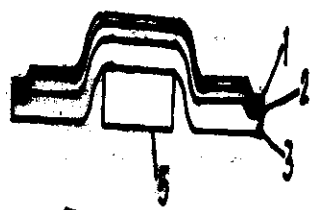


Fig.6

Complete Specifications : 17 pages. ***Drawings: 2 sheets***

192026

Ind.Cl :

Int.Cl[7] : F28G 1/12

Title : BALL COLLECTORFOR A DEVICE FOR RETURNING BALLS

Applicant : TAPROGGE GMBH, OF SCHLIEMANNSTRASSE 2-14. 58300 WETTER, GERMANY.

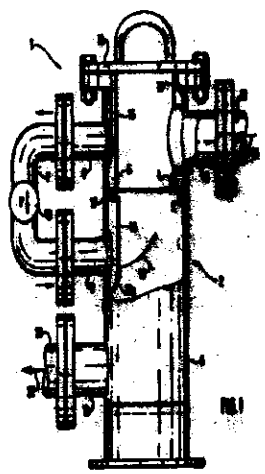
Inventor : 1. SCHINK PETER
2. SCHILDMANN HANS-WERNER.
3. WIDJAJA HARTONO.

Application no. 1157/CAL/1997 FILED ON 18.06.1997
(CONVENTION NO. 29610900.2 FILED ON 21.06.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

12 CLAIMS.



Ball collector (1) for a device for returning balls for cleaning of tubes (24) of cooling systems operated with a fluid, namely water, comprising:

a casing (2) subdivided into an upper chamber (5) with an inlet (11) for the balls and in a lower chamber (6) with an outlet (19) for the balls;

an opening (4) provided between the upper and lower chambers (5;6) being closable and freeable;

a strainer screen (15) placed in the upper chamber (5), the upper chamber (5) being connected to the lower chamber (6) by a bypass line (7) having a pump (10) through which water can be pumped from the upper chamber (5) into the lower chamber (6);

a flap (16) for freeing and closing the opening (4) being so constructed and positioned and freely pivotably mounted through the water flow between the open position and the closed position that if the pump (10) in the bypass line (7) is switched on the flap (16) assumes its closed position and when the pump (10) is switched off its open position

Complete Specifications : 14 pages. ***Drawings: 3 sheets***

Ind.Cl : 192027

Int.Cl[7] : C25F 001/06 , 007/00

Title : AN IMPROVED PROCESS FOR PRODUCING FERRITIC STAINLESS STEEL STRIPS OF INCREASED DRAWABILITY AND REDUCED ROPING TENDENCY.

Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF ISPAT BHAWAN, LODI ROAD, NEW DELHI – 110003.

Inventor : 1. CHANDI DUTTA SINGH.
2. PRITI JHA.
3. BIMAL KUMAR JHA.
4. SUDHAKAR JHA.

Application no. 1293/CAL/2997 FILED ON 09.07.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

1 CLAIM.

An improved process for producing ferritic stainless steel strips of increased drawability and reduced roping tendency by adopting high temperature continuous annealing of the hot rolled strips at a relatively fast rate, along with reduced

energy consumption, characterised in that the process comprises the following steps 1n sequence:

(a) Annealing *in* the continuous annealing furnace in the two-phase ($\alpha+\gamma$) region at 900-910 0C for 4 minutes hot rolled ferritic AISI-430 grade stainless steel strips of 4.0 mm thickness and nominal composition (by weight %) : C -0.05, Mn -0.45, Si – 0.20 , P -0.02, S - 0. 001, Cr -16.80, Ni -0.25, Mo -0.01, N -0.03, Al -0.015 and Fe -the balance;

(b) Pickling and cold rolling the annealed strips to a thickness of 0.5 mm in two stages.

Complete Specifications : 10 pages, Drawings: 5 sheets

192028

Ind.Cl : 12A, 12C, 108 C(2)

Int.Cl[7] : C21D 8/12, C22C 38/02 B22D 11/04

Title : PROCESS FOR THE PRODUCTION OF GRAIN ORIENTED ELECTRICAL STEEL STRIP HAVING HIGH MAGNETIC CHARACTERISTICS, STARTING FROM THIN SLABS.

Applicant : ACCIAI SPECIALI TERNI S.P.A. OF VIALE BENEDETTO BRIN 218, 05100 TERNI,, ITALY

Inventor : 1. FORTUNATI STEFANO.
2. STEFANO CICALE.
3. GIUSEPPE ABBRUZZESE.

Application no. 1375/CAL/1997 FILED ON 23.07.1997
(CONVENTION NO. RM96A000600 FILED ON 30.08.1996 IN ITALY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

12 CLAIMS.

Process for the production of high magnetic characteristics silicon steel strip, in which a steel containing, in weight present, 2.5-5 si, 0.002-0.075 C. 0.05-4 Mn. <0.015 S (or S + 0.503 Se), 0.010-0.045 A1, 0.003-0.0130 N, up to 0.2 Sn, 0.040-0.3 Cu, remaining being iron and minor impurities, is continuously cast, high-temperature annealed, hot rolled, cold rolled in a single step or in a plurality of steps with intermediate annealing, the cold rolled strip so obtained is annealed to perform primary annealing and decarburization, coated with annealing separator and box annealed for the final secondary recrystallization treatment, said process being characterized by the combination in cooperation relationship of:

(i) continuously casting a thin slab having a thickness of between 20 and 80 mm with a casting speed of 3 to 5 m/min, a steel overheating at the casting of between 20 and 40 °C, such a cooling speed as to obtain a complete solidification within 30 to 100 s, a

mould oscillation amplitude of between 1 and 10 mm, and an oscillation frequency of between 200 and 400 cycles per minute; the above parameters being selected to obtain a percentage of equiaxial grains higher than 25%;

(ii) equalizing the thus obtained slabs at a temperature comprised between 1150 and 1300 °C;

(iii) hot rolling the equalized slabs with a starting rolling temperature of between 1000 and 1200 °c and a finishing rolling temperature of between 850 and 1050 °C;

(iv) continuously annealing the hot rolled strips for 30 to 300 s at a temperature of between 900 and 1170 °c, cooling the same at a temperature no lesser than 850 °c and maintaining said temperature for 30 to 300 s, and then cooling them possibly in boiling water;

(v) cold rolling the strip in a single step or in a plurality of steps with intermediate annealing, the last step being performed with a reduction ratio of at least 80 %;

(vi) continuously annealing the cold rolled strip for a total time of 100 to 350 s, at a temperature comprised between 850 and 1050 °C in a wet nitrogen/hydrogen atmosphere, with a pH20/pH2 comprised between 0.3 and 0.7:

(vii) coating the strip with annealing separator, coiling it and box annealing the coils in an atmosphere having the following compositions during the heating-up: hydrogen mixed with at least 30 % vol nitrogen up to 900 °C, hydrogen mixed with at least 40% vol nitrogen up to. 1100-1200 °C, then, maintaining the coils at this temperature in pure hydrogen.

Complete Specifications : 17 pages. ***Drawings: NIL***

192029

Ind.Cl : 206 – E

Int.Cl[7] : H04B 001/005 H 04B 007/38

Title : RADIOCOMMUNICATIONS SYSTEMS AND METHODS FOR JITTERED BEACON.

Applicant : TELEFONAKTIEBOLAGET, L.M ERICSHON, OF S-126 25, STOCKHOLM, SWEDEN

Inventor : JACOBUS CORNELIS HAARTSEN

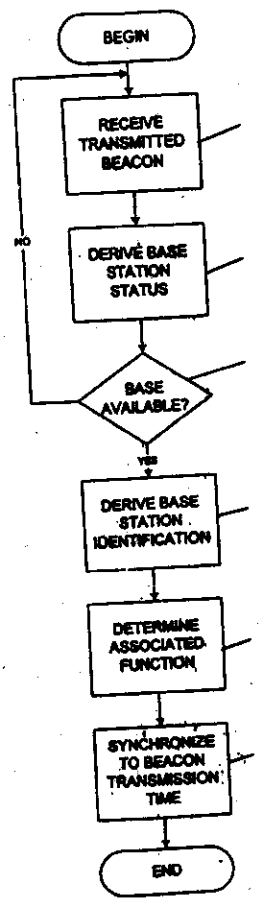
Application no. 1436/CAL/1997 FILED ON 04.08.1997

(CONVENTION NO. 08/708, 039 FILED ON 30.08.1996 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

16 CLAIMS.



A method for beacon channel transmission timing by a private radiotelephone base station which has an associated identification value, comprising the step of: repeatedly transmitting a radio beacon at jittered time intervals which are calculated based on a predetermined function associated with the base station identification value; and wherein the private radiotelephone base station has a transmission range and wherein the transmitted radio beacons contain the associated identification value and wherein a mobile terminal within the transmission range of the base station performs the following steps:

receiving one of the transmitted radio beacons;

deriving the base station identification value from the received radio beacon; and synchronizing to the base station beacon timing based on the predetermined function associated with the identified base station; and wherein the predetermined function is an encryption function using the base station identification value and a counter number.

Complete Specifications : 28 pages. ***Drawings: 11 sheets***

Ind.Cl : 32 I_2 (b) (d) 192030

Int.Cl[7] : C07D 235/04 233/54

Title : AN IMPROVED PROCESS FOR PURIFICATION OF SULFINYL BENZIMIDAZOLES.

Applicant : TORRENT PHARMACEUTICALS LTD. OF CENTRAL PLAZA. 1ST FLORR, ROOM # - 106, 2/6 SARAT BOSE ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA

Inventor : SUNIL SADANAND NADKARNI.

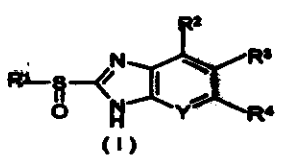
Application no. 285/CAL/2002 FILED ON 09.05.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

10 CLAIMS.

An improved process for the preparation of purified sulfinyl compounds of formula (I) and pharmaceutically acceptable salts thereof,



(I)

wherein

R^1 is $-CH_2$-Ar

Ar is selected from mono substituted, disubstituted or trisubstituted aryl or heteroaryl ring, wherein aryl is a phenyl ring and heteroaryl is a pyridyl ring and substituents.are independently selected from the group consisting of :

a) hydrogen,

b) C_1-C_8-alkyl,

c) C_3-C_8-cycloalkyl,

d) C_2-C_8-halogenated alkyl,

e) C_1-C_8-alkyloxy and

f) $-O-(CH_2)_n-O$-alkyl (C_1-C_8);

where n is 1 to 5.

R^2, R^3 and R^4 may be the same or different selected from the group consisting of

a) hydrogen

b) C_1-C_8-alkyl,

c) C_3-C_8-cycloalkyl,

d) C_2-C_8-halogenated alkyl, **192030**

e) C_1-C_8-alkyloxy,

f) C_1-C_8-halogenated alkyloxy,

g) C_1-C_8-alkyloxy carbonyl,

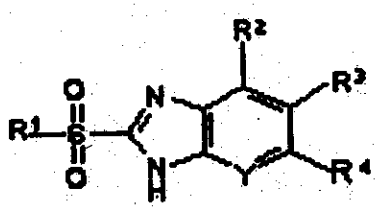
h) carbonyl and

i) halogen

Y is CH or N;

which comprises the steps of,

(a) treating the crude sulfinyl compound of formula (I) as defined above contaminated with sulfone impurities represented by formula (III)



(III)

wherein R^1, R^2, R^3 and R^4 have the meaning as defined above.

with an amine such as herein described, in the presence of an organic solvent such as herein described, at a temperature of 15^0C to 35^0C and

(b) washing the reaction mixture of step (a) above with water to remove said sulfone impurities and obtain the purified sulfinyl compound of formula (I)

Complete Specifications : 19 pages. *Drawings: NIL*

RESTORATION UNDER SECTION 60 OF THE PATENTS ACT, 1970

Notice is hereby given that an application for restoration of Patent No. 181917 made by Goldstar Co. Ltd. on 27.09.2002 has been allowed and the said Patent is restored.

Notice is hereby given that an application for restoration of Patent No. 183675 made by SKF Engineering Research Centre B. V. on 30.09.2002 has been allowed and the said Patent is restored.

NOTIFICATION UNDER SECTION 20(1)

In pursuance of leave granted Under Section 20(1) of the Patents Act, 1970 application No. 1016/Del/93 (188185) of Imperial Chemical Industries Plc, a British Company of Imperial Chemical House, Millbank, London SWIP 3JF, England, has been allowed to proceed in the name of INEOS FLUOR HOLDINGS LIMITED, a British Company of First Floor Offices, Queens Gate, 15–17 Queens Terrace, Southampton, Hampshire, SO14 3BP, United Kingdom.

AMENDMENT PROCEEDINGS UNDER SECTION 57

In pursuance of leave granted Under Section 57 of the Patent Act, 1970 application No. 2758/Del/97 (187299) of Council of Scientific and Industrial Research, Rafi Marg, New Delhi-110 001, India, an Indian registered body incorporated under the Registration of Societies Act (XXI of 1860) has been allowed to amend in the Complete Specification on pages No. 5 & 10 sub Para (c) a pressure of 50-100 gm/cm2.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No. 577/Del/98 (187909) of Zeneca Limited, a British Company of 15 Stanhope Gate, London W1Y 6LN, England has been allowed to proceed in the name of Syngenta Limited, European Regional Centre, Priestley Road, Surry Research Park, Guildford, Surrey GU2 7YH, England.

In pursuance of leave granted Under Section 57 of the Patents Act, 1970 application No.1016/Del/93 (188185 Ineos Flour Holdings Limited, a British Company of First Floor Offices, Queens Gate, 15-17 Queens Terrace, Southampton, Hampshire SO 14 3BP, United Kingdom. The new address for service as M/s. Remfry & Sagar, Remfry House at the millennium Plaza Sector 27, Gurgaon-122002 National capital Region India has been allowed

Notice is hereby given that De Nora Seaclor Srl. Of Via Bistolfi 35, 20134 Milan, Italy, an Italian company have made an application under Section 57 of the Patents Act, 1970 for amendment of the name of Patentee in respect of their Application for Patent No. 179815 for the invention relating to AN ALKALI METAL HYPOCHLORITE GENERATION STORAGE UNIT. The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 5th, 6th & 7th Floors, 2nd MSO Building, Nizam Palace, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020. Copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file Notice of Opposition on prescribed Form-14 within three months from the date of Notification at the Patent Office, Kolkata. If the written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that CANON KABUSHIKI KAISHA, a Japanese Company. Of 3 – 30 – 2, Shimomaruko, Ohta–Ku, Tokyo, Japan have made an application under Section 57 of the Patents Act, 1970 for amendment of application and application of their application for Patent No. 0685/MAS/1993 (184011) "APPARATUS FOR CONTAINING INK AND SUPPLYING TO AN INK JET RECORDING HEAD". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, C Wing, C-4-A, III Floor, Rajaji Bhavan, Besant Nagar, Chennai-600 090., or copies of the same can be held on payment of the usual copying charges. Any person interested in opposing the application for amendment may file Notice of Opposition on prescribed Form-14 within 90 days from the date of a Notification at the Patent Office Branch, Chennai-90. If the written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that FORTUM OIL AND GAS OY, of Keilaniemi, Fin-02150, Espoo, Finland, A Finnish Joint Stock Company have made an application under Section 57 of the Patents Act, 1970 for amendment of the name of Patentee in respect of their Application for Patent No. 19027 for the invention relating A PROCESS FOR PREPARING TERTIARY ALKYL ETHERS. The amendments are by way of correction. The application for amendment and the

proposed amendments can be inspected free of charge at the Patent Office, 5th, 6th & 7th Floors, 2nd MSO Building, Nizam Palace, 234/4, Acharya Jagadish Chandra Bose Road, Kolkata-700 020. Copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file Notice of Opposition on prescribed Form-14 within three months from the date of Notification at the Patent Office, Kolkata. If the written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

RENEWAL FEES PAID (DELHI 01-08-2003 TO 30-09-2003)

177745 179795 180173 184411 184412 185369 187018 187227 187414 188029 180564 187222
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187416 188757 183051.

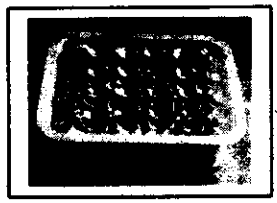
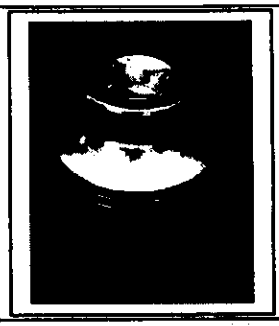
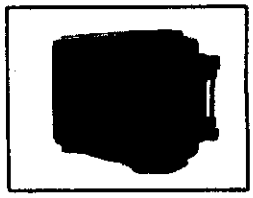
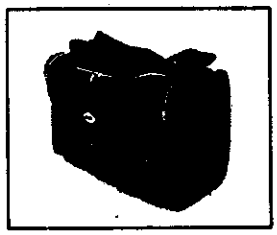
PATENT SEALED ON 09-01-2004 (KOLKATA)

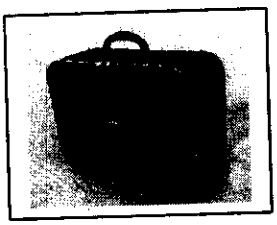
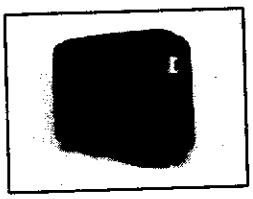
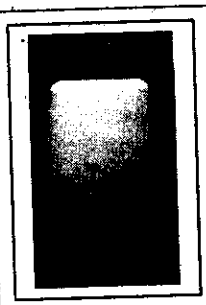
190199 190202 190204 190206 190208 190209 190210 190211 190212 190213 190215 190216
190217 190218 190220.

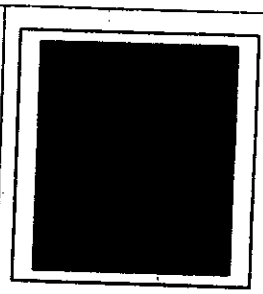
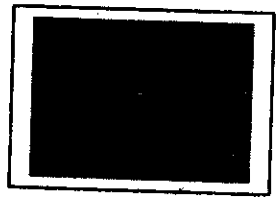
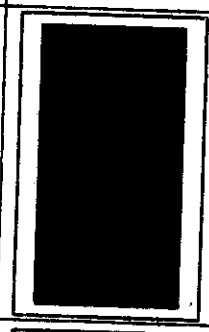
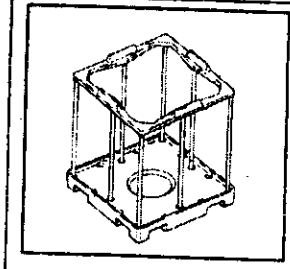
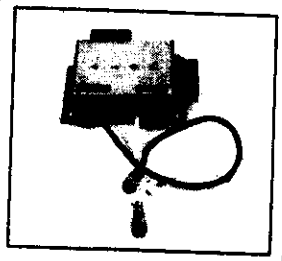
REGISTRATION OF DESIGNS

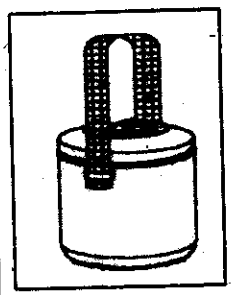
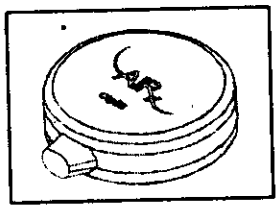
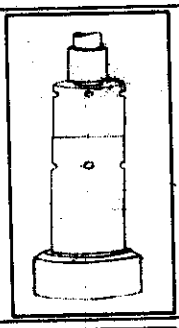
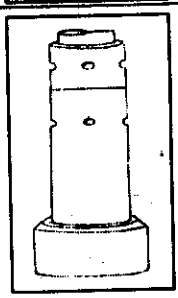
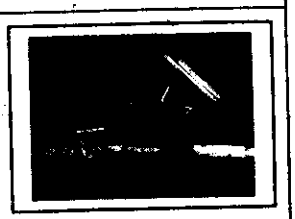
The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

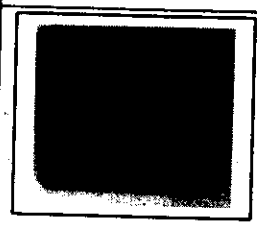
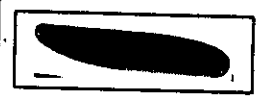
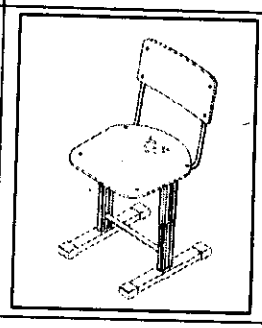
The dates shown in the following each entry is the date of registration.

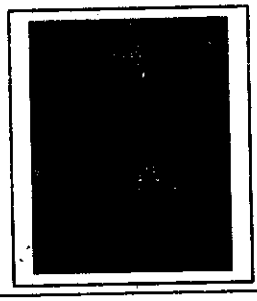
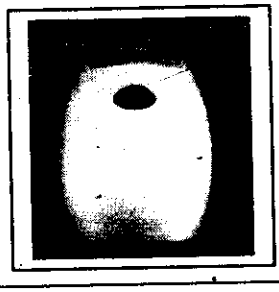
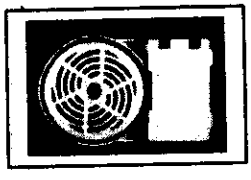
Class	01-01	**No.192698. HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI:-400 020, MAHARASHTRA, INDIA. "ICE CREAM" 30.07.2003**	
Class	08-08	**No.192182. TAPARIA TOOLS LIMITED, AT 423-424/A-2 SHAH & NAHAR, LOWER PAREL (W), MUMBAI: -400 013, MAHARASHTRA, INDIA. "SOCKET" 26.05.2003.**	
Class	03-01	**No.192454. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 25.06.2003**	
Class	03-01	**No.192456. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "HANDBAG" 25.06.2003**	

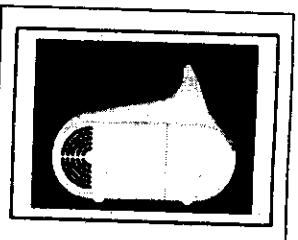
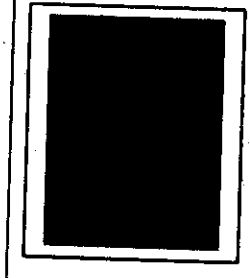
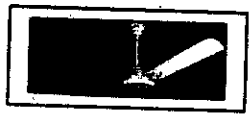
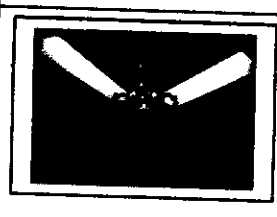
Class	03-01	No.192457. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 25.06.2003	
Class	03-01	No.I92459. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 25.06.2003	
Class	03-01	No.192458. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 25.06.2003	
Class	03-01	No.192455. V.I.P. INDUSTRIES LIMITED, OF DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "SUITCASE" 25.06.2003	
Class	09-01	No.192031. THE HIMALAYA DRUG COMPANY OF MAKALI, BANGALORE-562123, INDIA. "BOTTLE" 02.05.2003.	

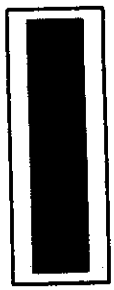
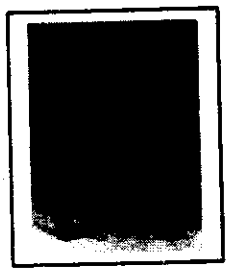
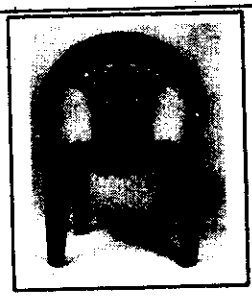
Class	05-05	**No.192153. THE RISHABH VELVELEEN LIMITED, OF 9TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 12.05.2003**	
Class	03-04	**No.192461. THE JAY ENGINEERING WORKS LTD. OF 19, KASTURBA GANDHI MARG, NEW DELHI-110001, INDIA. "ELECTRIC FAN" 23.06.2003.**	
Class	09-03	**No.192335. LOKNATH PLASTIC INDUSTRIES OF 31/A/3, MANNA OARA ROAD, KOLKATA-700090, WEST BENGAL, INDIA. "CONTAINER WITHOUT LID" 12.06.2003.**	
Class	09-03	**No.192237.ALMAR PACKAGING INTERNATIONAL INC. OF 44, WORSHIP STREET, LONDON, EC2A 2JT, UNITED KINGDOM. "FLEXIBLE CONTAINER" 02.12.2002 (Reciprocity, Repub,ic of South Africa)**	
Class	10-05	**No.192035. SANJEEV KHOSLA AND AARTI KHOSLA, BOTH INDIAN NATIONALS OF S-158, GREATER KAILASH PART-II, NEW DELHI: -110 048, INDIA. "SIGNAL CURRENT" 15.05.2003**	

Class	09-03	**No.192097. MITESH METAL INDUSTRIES, B-5, OM SAI ESTATE, GODDEV FATHAK ROAD, BHAYANDER (E), DIST. THANE, MAHARASHTRA, INDIA. "CONTAINER" 12.05.2003**	
Class	28-01	**No.192709. M/S. CIPLA LIMITED, AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA. "MULTIDOSE INHALATION DEVICE" 31.07.2003.**	
Class	99-00	**No.188850. JITENDRA SINGH BIAS, C/O. SANJOY SINGH, H/52, BARGI HILLS COLONY, JABALPUR 482 002, (M.P.), INDIA, AN INDIAN NATIONAL. "TUBEWELL, PIPE LIFTER" 26.04.2003**	
Class	99-00	**No.188851. JITENDRA SINGH BIAS, C/O. SANJOY SINGH, H/52, BARGI HILLS COLONY, JABALPUR 482 002, (M.P.), INDIA, AN INDIAN NATIONAL. "TUBEWELL, PIPE LIFTER" 26.04.2003**	
Class	12-13	**No.190911. EROS METAL WORKS PVT. LTD., AT G-5, M.I.D.C. INDL. AREA, NAGPUR: - 440028, MAHARASHTRA, INDIA. "GARBAGE VEHICLE" 07.01.2003.**	

Class	12-13	No.190912. EROS METAL WORKS PVT. LTD., AT G-5, M.I.D.C. INDL. AREA, NAGPUR: - 440028, MAHARASHTRA, INDIA. "GARBAGE VEHICLE" 07.01.2003.	
Class	07-02	No.191656. NILKAMAL CRATES AND BINS OF 77/78 NILKAMAL HOUSE, ROAD NO.13/14, M.I.-D.C., ANDHERI EAST, MUMBAI:-400093, MAHARASHTRA, INDIA, "LID" 27.03.2003	
Class	09-01	No.192098. MITESH METAL INDUSTRIES, B-5, OM SAI ESTATE, GODDEV FATHAK ROAD, BHAYANDER (E), DIST. THANE, MAHARASHTRA, INDIA. "CONTAINER" 12.05.2003	
Class	28-03	No.192629. VINAY JITENDRA VAKIL OF T.V. TECHNOPLAST OF 28-C, GOVERNMENT INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (W), MUMBAI-400067, MAHARASHTRA, INDIA. "COMB" 22.07.2003.	
Class	06-06	No.192176. HYUK KOO PARK, 801-801 BYUCKSAN-HANSUNG APT., 1267 KWONSUN-DONG, KWONSUN-GU SUWON-SI, KYUNGGI-DO, REPUBLIC OF KOREA, "CHAIR" 22.05.2003	

Class	19-06	**No.192136. TODAYS WRITING PRODUCTS LIMITED, OF 251/2/2 VALSAD FALIA, NEAR JAIN TEMPLE, DADRA 396230, D & NH (U.T.) INDIA. "WRITING INSTRUMENT" 20.05.2003.**	
Class	05-05	**No.192971. THE RISHABH VELVELEEN LIMITED, OF 9TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 21.08.2003**	
Class	09-02	**No.192745. M/S. PURE GANGA WATER SYSTEMS PVT. LTD., AN INDIAN COMPANY, 5, ISHWAR NAGAR, LOWER GROUND FLOOR, NEW DELHI. "WATER TANK" 05.08.2003.**	
Class	22-06	**No.192319. FUMAKILLA LTD., OF , 11, KANDAMIKURACHO, CHIYODA-KU, TOKYO, JAPAN. "INSECT REPELLING APPARATUS" 27th December 2002 (Reciprocity, Japan).**	
Class	22-06	**No.192318. FUMAKILLA LTD., OF , 11, KANDAMIKURACHO, CHIYODA-KU, TOKYO, JAPAN. "CARTRIDGE FOR INSECT REPELLING APPARATUS" 16th December 2002 (Reciprocity, Japan).**	

Class	22-06	**Noi.192317. FUMAKILLA LTD., OF , 11, KANDAMIKURACHO, CHIYODA-KU, TOKYO, JAPAN. "INSECT REPELLING APPARATUS" 13th December 2002 (Reciprocity, Japan).**	
Class	05-05	**No.192969. THE RISHABH VELVELEEN LIMITED, OF9TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC" 21.08.2003.**	
Class	13-04	**No.192016. KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA: -700 071, W.B., INDIA. "CEILING FAN" 30.04.2003**	
Class	03-04	**No.192460. THE JAY ENGINEERING WORKS LTD., AN INDIAN COMPANY OF 19, KASTURBA GANDHI MARG, NEW DELHI: -110 001, INDIA. "ELECTRIC FAN" 23.06.2003**	
Class	05-05	**No.192970. THE RISHABH VELVELEEN LIMITED, OF9TH KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA.. "TEXTILE FABRIC" 21.08.2003.**	

Class	19-06	**No.192124. AGNI PEN & PLASTIC (P) LTD., AN INDIAN COMPANY, OF 8B, LANSDOWNE PLACE, KOLKATA:-700029,W.B., INDIA. "PEN" 19.05.2003**	
Class	06-01	**No.192102. NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, INDIAN COMPANY. "CHAIR" 12.05.2003**	
Class	06-01	**No.192101. NILKAMAL PLASTICS LTD., OF SURVEY NO.-354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA-KHANVEL ROAD, VILLAGE VASONA, SILVASSA(D & N.H.), (U.T.), INDIA, INDIAN COMPANY. "CHAIR" 12.05.2003**	

Dr. S. N. MAITY
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